BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-CONSTRUCTION OF SCHOOL BUILDING in ward 48 Kodigehally

50.00 Lacs

S. N	Particulars	No	L	B	D/H	Qty.	Unit	Rate	Amount
1	Dismantling Mangalore tiles roof and stacking the material within a radius of 50 meters.with reepers								
	2015-16 Page 257: Item No.37.42.1								
	Basic Rate 44.00								
	Area Wtg 6% 2.64								
	Net Rate **46.64**								
	GF roof	1	25.86	10.65		275.41	**Sqm**	**46.64**	**12845**
2	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m.								
	2015-16 Page 258: Item No.37.47								
	Basic Rate 147.00								
	Area Wtg 6% 8.82								
	Net Rate **155.82**								
	GF walls								
		2	25.86	0.23	3.00	35.69			
		6	8.40	0.23	3.00	34.78			
					Total	**70.46**	**Cum**	**155.82**	**10980**
3	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m								
	2015-16 Page 258: Item No.37.48								
	Basic Rate 161.00								
	Area Wtg 6% 9.66								
	Net Rate **170.66**								
	Compound wall	1	15.00	0.60	2.80	25.20			
	Foundation	2	25.86	0.6	0.45	13.96			
		2	25.86	0.45	0.45	10.47			
		6	10.65	0.6	0.60	23.00			
		6	10.65	0.45	0.45	12.94			
					Total	**85.58**	**Cum**	170.66	**14605**
4	Dismantling cement concrete flooring or plain cement concrete workincluding removing and conveying the debris to distance upto 200m (within average thickness of 15 cms)								
	2015-16 Page 258: Item No.37.51								
	Basic Rate 51.00								
	Area Wtg 6% 3.06								
	Net Rate **54.06**								
	class room-1	1	7.46	8.10		60.43			

S. N.	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
	class room-2		1	7.46	8.10		60.43			
	class room-3		1	7.46	8.10		60.43			
	toilets		3	1.62	1.50		7.29			
	toilet passage		1	1.2	4.95		5.94			
	utility		1	2.97	3.15		9.36			
						Total	**203.86**	**Sqm**	**54.06**	**11021**
5	KSRB 2-1.2 : Earthwork in surface excavation in ~~Hard~~ ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m andlift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specification. No. KBS 2.1(a) / ~~2.3.1~~ 2.10									
	KPWD SR 2015-16 Page 5: Item No. 2.2									
	Basic Rate	~~207.00~~	148.10							
	Area Wtg 6%	~~12.42~~	8.88							
	Net Rate	**~~219.42~~**	156.88							
	Levelling Debries		1	64.93	13.80	0.15	134.41		156.88	21086.24
				Total			**134.41**	**Cum**	**~~219.42~~**	**~~29491~~**
6	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width,in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.specification. No. KBS 2.1(b) / 2.3.5									
	KPWD SR 2015-16Page 5: Item No. 2.4									
	Basic Rate	267.00								
	Area Wtg 6%	16.02								
	Net Rate	**283.02**								
	Footing									
		F1	8	2.80	2.80	2.10	131.71			
		F2	10	2.10	2.40	2.10	105.84			
	foundation		2	25.86	1.00	0.90	46.55			
			5	10.65	1.00	0.90	47.93			
						Total	**332.03**	**Cum**	**283.02**	**93972**
7	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.									
	KPWD SR 2015-16 Page 6: Item No. 2.15									
	Basic Rate	2013.00								
	Area Wtg 6%	120.78								

S. No	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
	Net Rate	**2133.78**								
	Footing									
		F1	8	2.80	2.80	0.150	9.41			
		F2	10	2.10	2.40	0.150	7.56			
				Net Qty			**16.97**	**Cum**	**2133.78**	**36206**
8	KSRB-3.2: Providing and injecting chemical emulsion for Preconstructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured)Specification No. KBS : 3.2.6 / 3.2.7									
	KPWD SR 2015-16 Page 9: Item No. 3.20									
	Basic Rate	102.00								
	Area Wtg 6%	6.12								
	Net Rate	**108.12**								
	Footing									
		F1	8	11.20		2.10	188.16			
		F2	10	9.00		2.10	189.00			
						Total	**377.16**	**Sqm**	**108.12**	**40779**
9	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2									
	KPWD SR 2015-16 Page 12: Item No. 4.2									
	Basic Rate	4849.00								
	Area Wtg 6%	290.94								
	Net Rate	**5139.94**								
	Footing									
		F1	8	2.80	2.80	0.15	9.41			
		F2	10	2.10	2.40	0.15	7.56			
	Foundation		2	25.86	1.00	0.15	7.76			
			5	10.65	1.00	0.15	7.99			
	Below flooring									
		class room-1	1	7.46	8.10	0.15	9.06			
		class room-2	1	7.46	8.10	0.15	9.06			
		class room-3	1	7.46	8.10	0.15	9.06			

S. N.	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
		toilets	3	1.62	1.50	0.15	1.09			
		toilet passage	1	1.20	4.95	0.15	0.89			
		utility	1	2.97	3.15	0.15	1.40			
						Total	**63.27**	**Cum**	**5139.94**	**325222**
10	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13									
	KPWD SR 2016-16 Page 23: Item No. 5.6									
	Basic Rate	3829.00								
	Area Wtg 6%	229.74								
	Net Rate	**4058.74**								
	Foundation		2	25.86	0.60	0.45	13.96			
			2	25.86	0.45	0.45	10.47			
			5	10.65	0.60	0.45	14.38			
			5	10.65	0.45	0.45	10.78			
						Total	**49.59**	**Cum**	**4058.74**	**201273**
11	KSRB 5.4-3 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per									
	KPWD SR 2015-16 Page 23: Item No. 5.12									
	Basic Rate	4777.00								
	Area Wtg 6%	286.62								
	Net Rate	**5063.62**								
	Foundation		2	25.86	0.45	0.20	4.65			
			5	10.65	0.45	0.20	4.79			
		compound wall	1	15.00	0.60	2.80	25.20			
						Total	**34.64**	**Cum**	**5063.62**	**175404**
12	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates 0.878cum and fine aggregtes @ 0.459cum, with superplastisiser @3lts onfirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters,columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. specifications NO.KBS 4.1,4.6									
	KPWD DSR 2015-16 Page 13 Item No.4.11									
	Basic Rate	5739.00								
	Area Wtg 6%	344.34								

S. No	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
	Net Rate	**6083.34**								
	Column Footings									
	F1		8	2.80	2.80	0.60	37.63			
	F2		10	2.10	2.40	0.60	30.24			
						Total	**67.87**	**Cum**		
	Column									
	Ground floor									
	C1		8	0.45	0.60	5.00	10.80			
	C2		10	0.30	0.45	5.00	6.75			
						Total	**17.55**	**Cum**		
	Plinth beam									
	Ground floor		2	25.86	0.20	0.30	3.10			
			5	10.65	0.20	0.30	3.20			
						Total	**6.30**	**Cum**		
	Lintel									
	Ground floor walls		2	25.86	0.15	0.15	1.16			
			5	8.25	0.15	0.15	0.93			
						Total	**2.09**	**Cum**		
	MAIN BEAM									
	Ground floor		2	25.86	0.45	0.60	13.96			
			5	10.80	0.30	0.45	7.29			
						Total	**21.25**	**Cum**		
	Roof									
	Alround walls		1	25.86	10.65	0.15	41.31	**Cum**		
	Sump tank									
						Total	**41.31**	**Cum**		
					Grand Total		**156.38**	**Cum**	**6083.34**	**951298**
13	KSRB 2.5 : Earthwork excavation (in deposited soil) and filling sides of foundation upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications. specification. No. KBS 2.9.9 / 2.9.10.1 / 2.1.1									
	KPWD SR 2015-16 Page 6: Item No. 2.12									
	Basic Rate	239.00								
	Area Wtg 6%	14.34								
	Net Rate	**253.34**								
	Inside									
	Flooring									
	class room-1		1	7.46	8.10	0.45	27.19			
	class room-2		1	7.46	8.10	0.45	27.19			
	class room-3		1	7.46	8.10	0.45	27.19			
					Net Qty		**81.58**	**Cum**	**253.34**	**20666**
14	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2									

S. No.	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
	KPWD SR 2015-16 Page 15: Item No. 4.28									
	Basic Rate	226.00								
	Area Wtg 6%	13.56								
	Net Rate	**239.56**								
	footing									
		F1	8	11.20		0.60	53.76			
		F2	10	9.00		0.60	54.00			
						Total	**107.76**	**Sqm**	**239.56**	**25815**
15	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts,square / rectangular / polygon in plan including cost of all materials,labour complete as per specificaiton. Specification No. KBS 4.6.2									
	KPWD SR 2015-16 Page 16: Item No. 4.32									
	Basic Rate	355.00								
	Area Wtg 6%	21.30								
	Net Rate	**376.30**								
	Column									
	C1		8	2.10		5.00	84.00			
	C2		10	1.50		5.00	75.00			
						Total	**159.00**	**Sqm**	**376.30**	**59832**
16	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2									
	KPWD SR 2015-16 Page 15: Item No. 4.30									
	Basic Rate	374.00								
	Area Wtg 6%	22.44								
	Net Rate	**396.44**								
	Alround walls		1	25.86	10.65		275.41			
						Total	**275.41**	**Sqm**	**396.44**	**109183**
17	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for sides and soffits of beams, beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per Specification No. KBS 4.6.2									
	KPWD SR 2015-16 Page 16: Item No. 4.34									
	Basic Rate	250.00								
	Area Wtg 6%	15.00								
	Net Rate	**265.00**								
	LINTEL BEAM									
	Alround walls		2	25.86		0.45	23.27			
			5	8.25		0.45	18.56			
	MAIN BEAM									
	On walls		2	25.86		1.65	85.34			
			5	10.80		1.20	64.80			

S. No.	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
						Total	**191.97**	**Sqm**	**265.00**	**50873**
18	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per Specification No. KBS 4.1, 4.2									
	KPWD SR 2015-16 Page 12: Item No. 4.6									
	Basic Rate	5084.00								
	Area Wtg 6%	305.04								
	Net Rate	**5389.04**								
	Alround walls- Cills		2	25.86	0.20	0.100	1.03			
			5	10.80	0.20	0.100	1.08			
						Total	**2.11**	**Cum**	**5389.04**	**11395**
19	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.									
	KPWD SR 2015-16 Page 25: Item No. 5.34									
	Basic Rate	892.00								
	Area Wtg 6%	53.52								
	Net Rate	**945.52**								
	ground floor		2	25.86		3.00	155.16			
			5	8.40		3.00	126.00			
	Deductions					**Total**	**281.16**	**Sqm**		
	Doors	D	4	1.10		2.10	9.24			
	windows	W	9	1.80		1.50	24.30			
						Total	**33.54**			
					Net qty		**247.62**	**Sqm**	**945.52**	**234130**
20	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per									
	KPWD SR 2015-16 Page 25: Item No. 5.28									
	Basic Rate	688.00								
	Area Wtg 6%	41.28								
	Net Rate	**729.28**								
	ground floor		1	4.95		2.10	10.40			
	toilet		3	1.62		3.00	14.58			
	Deductions					**Total**	**24.98**	**Sqm**		

S. No	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
	Doors	D	3	0.75		2.10	4.73			
		V	3	0.90		0.60	1.62			
						Total	**6.35**			
					Net qty		**18.63**	**Sqm**	**729.28**	**13586**
21	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per									
	KPWD SR 2015-16 Page 17: Item No. 4.46									
	Basic Rate	54933.25								
	Area Wtg 6%	3296.00								
	Net Rate	**58229.25**								
	RCC QTY VIDE ITEM No 12						156.38	Cum		
	Steel @ 100Kg/Cum						15637.8	Cum		
						Tonne	**15.64**		**58229.25**	**910575**
22	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20 kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391 cum , with superplastisiser @0.225its, machine mixed, well compacted for plain **chajja of 8.5 cms**. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per Specification No. KBS 4.1, 4.6									
	KPWD SR 2015-16 Page 14: Item No.4.20									
	Basic Rate	490.00								
	Area Wtg 6%	29.40								
	Net Rate	**519.40**								
	Allround									
		W	9	1.800		0.60	9.72			
		V	3	0.900		0.60	1.62			
						Total	**11.34**	**Sqm**	**519.40**	**5890**
23	KSRB 9.4-1 : Providing honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials,labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33									
	KPWD SR2015-16 Page 51, Item No. 9.11									
	Basic Rate	102634.00								
	Area Wtg 6%	6158.04								
	Net Rate	**108792.04**								
	D	verticles	6	2.10	0.15	0.100	0.19			
		horizontles	6	1.40	0.15	0.100	0.13			

S. No.	Particulars	No	L	B	D/H	Qty.	Unit	Rate	Amount
					Total	**0.315**	**Cum**	**108792.0**	**34269**
24	KSRB 9.5-1 : Providing and fixing in position fully panelled Honnewood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No.								
	KPWD SR2015-16 Page 51, Item No. 9.15								
	Basic Rate	4524.00							
	Area Wtg 6%	271.44							
	Net Rate	**4795.44**							
	D		3	1.10	2.10	6.93			
					Total	**6.93**	**Cum**	**4795.4**	**33232**
25	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar								
	KPWD SR2015-16 Page 33, Item No. 7.11								
	Basic Rate	4010.00							
	Area Wtg 6%	240.60							
	Net Rate	**4250.60**							
	ventilater		3	0.90	0.60	1.62			
	window		10	1.80	1.50	27.00			
					Total	**28.62**	**Sqm**	**4250.6**	**121652**
26	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per Specification No. KBS 7.12								
	KPWD SR 2015 -16 Page 32 : Item No.7.9								
	Basic Rate	85.00							
	Area Wtg 6%	5.10							

S. No.	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
	Net Rate	**90.10**								
	ventilater		3	0.90		0.60	1.62			
	window		9	1.80		1.50	24.30			
						Total	**25.92**	**Sqm**		
	Steel Weight @21Kg per Sq mtr =						544.32			
						Say	**750.00**	**Kg**	**90.10**	**67575**
27	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.									
	KPWD SR 2015-16 Page113/114: Item No.15.16/15.33									
	Basic Rate	210.00								
	Lime render	24.00								
		234.00								
	Area Wtg 6%	14.04								
	Net Rate	**248.04**								
	Walls inside Plaster									
	ground floor									
	Class room-1		1	31.12		3.00	93.36			
	Class room-2		1	31.12		3.00	93.36			
	Class room-3		1	31.12		3.00	93.36			
	toilets		3	6.24		3.00	56.16			
	toilet passage		1	12.3		3.00	36.90			
	utility		1	10.86		3.00	32.58			
						Total	**405.72**	**Sqm**		
	Deductions									
	window		9	1.80		1.50	24.30			
	ventilator		3	0.90		0.60	1.62			
	D		3	1.10		2.10	6.93			
	D1		3	0.75		2.10	4.73			
						Total	**37.58**	**Sqm**		
						0.50	37.58	Sqm		
							18.79	**Sqm**		
						Total	**386.93**	**Sqm**	**248.04**	**95975**
28	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.									
	KPWD SR 2015-16 Page 113: Item No.15.19									
	Basic Rate	222.00								
	Area Wtg 6%	13.32								
	Net Rate	**235.32**								
	Walls outside Plaster									
	External wall									
	long wall		2	26.01		3.00	156.06			

S. No	Particulars	No	L	B	D/H	Qty.	Unit	Rate	Amount
	short wall	2	8.40		3.00	50.40			
	compound wall	1	30.60		2.80	85.68			
					Total	**292.14**	**Sqm**		
	deduction								
	window	9	1.80		1.50	24.30			
	Ventilator	3	0.90		0.60	1.62			
	Door	3	1.10		2.10	6.93			
					0.50	**32.85**	**Sqm**		
						16.43	Sqm		
					Total	**275.72**	**Sqm**	**235.32**	**64881**
29	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
	KPWD SR 2015-16 Page113/114: Item No15.21/15.33								
	Basic Rate 183.00								
	Lime render 24.00								
	207.00								
	Area Wtg 6% 12.42								
	Net Rate **219.42**								
	Walls Ceiling Plaster								
	outer wall	1	26.01	10.50		273.11			
					Total	**273.11**	**Sqm**	**219.42**	**59925**
30	Providing flooring with 60 cms.x 60 cms. size Vitrified glazed tiles of approved quality & make, fixed on top of existing flooring fixed with suitable adhesive, including cutting the tiles to the required size and fixing etc., complete.								
	KPWD SR 2015-16 Page 106: Item No.14.44								
	Basic Rate 1026.00								
	Area Wtg 6% 61.56								
	Net Rate **1087.56**								
	class room-1	1	7.46	8.10		60.43			
	class room-2	1	7.46	8.10		60.43			
	class room-3	1	7.46	8.10		60.43			
	utility	1	2.97	3.15		9.36			
	passage	1	1.20	4.95		5.94			
					Total	**196.57**	**Sqm**	**1087.56**	**213785**
31	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.No.KBS 14.16, 14.17 Colour glazed tiles 15x15								
	KPWD SR 2015-16 Page 106: Item No.14.41.1								
	Basic Rate 979.00								

S. No	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
	Area Wtg 6%	58.74								
	Net Rate	**1037.74**								
	toilets		3	6.24		2.10	39.31			
	utility		1	12.24		0.10	1.22			
	class room-1		1	31.12		0.10	3.11			
	class room-2		1	31.12		0.10	3.11			
	class room-3		1	31.12		0.10	3.11			
						Total	**49.87**	**Sqm**	**1037.74**	**51754**
32	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No.									
	KPWD SR 2015-16 Page 106: Item No.14.36.2									
	Basic Rate	1124.00								
	Area Wtg 6%	67.44								
	Net Rate	1191.44								
	Toilet		3	6.24		2.1	39.31			
	skiting	class room-1	1	31.12		0.10	3.11			
		class room-2	1	31.12		0.10	3.11			
		class room-3	1	31.12		0.10	3.11			
		passage	1	12.30		0.10	1.23			
						Total	**49.88**	**Sqm**	**1191.44**	**59427**
33	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface , free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.									
	KPWD SR 2014-15 Page113: Item No.15.51.2									
	Basic Rate	80.00								
	Area Wtg 6%	4.80								
	Net Rate	**84.80**								
	A) Walls inside			Qty As Per Item No 27			386.93			
	B) Ceiling			Qty As Per Item No 29			273.11			
						Net qty	660.04	**Sqm**	**84.80**	**55971**
34	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour,									
	KPWD SR 2014-15 Page 114: Item No.15.53.2									
	Basic Rate	75.00								
	Area Wtg 6%	4.50								
	Net Rate	**79.50**								

S. No.	Particulars		No	L	B	D/H	Qty.	Unit	Rate	Amount
	Qty As Per Item No 28						**275.72**	**Sqm**	**79.50**	**21919**
35	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.									
	KPWD SR 2015-16 Page120: Item No.15.74									
	Basic Rate	79.00								
	Area Wtg 6%	4.74								
	Net Rate	**83.74**								
	D		4	1.10		2.10	9.24			
	Window		10	1.80		1.50	27.00			
	Ventilator		3	0.90		0.60	1.62			
						2.00	**37.86**			
						Total	**75.72**	**Sqm**	**83.74**	**6341**
36	KSRB 15-17.16 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with coal tar paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, including cost of materials,labour, complete as per specifications.									
	KPWD SR 2015-16 Page119: Item No.15.68									
	Basic Rate	36.00								
	Area Wtg 6%	2.16								
	Net Rate	**38.16**								
						Total	**75.72**	**Sqm**	**38.16**	**2889**
37	SOLID PANEL PVC DOOR SHUTTER AND SOLID PVC DOOR FRAME Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge									
	KPWD SR 2015-16 Page57: Item No.9.83									
	Basic Rate	3175.00								
	Area Wtg 6%	190.50								
	Net Rate	**3365.50**								
	toilet door		3	0.75		2.10	**4.73**	**Sqm**	**3365.50**	**15902**

S. No.	Particulars	No	L	B	D/H	Qty.	Unit	Rate	Amount
38	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to								
	required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications								
	KPWD SR 2015-16 Page 66: Item No.10.2								
	Basic Rate	858.00							
	Area Wtg 6%	51.48							
	Net Rate	**909.48**							
	Terrace		1	26.01	10.5	273.11			
					Total	**273.11**	**Sqm**	**909.48**	**248384**
39	KSRRB M100-1 Loading and Unloading of Stone oulder/Stone aggegates / Sand/ Kanker/ Moorum and Haulage of materials by tipper excluding cost of loading, unloading and stacking complete as per specifications upto 10km lead (2015-16 SR Page No.133,Item No.17.1 and 17.5)								
	Rate=68.0+(5.12*8)=108.96*8%=8.71 = 117.68					**466.44**	Cum	**117.68**	**54890**
						Sub Total			~~4558079.85~~ 4549675.09
40	Electric works			Lumpsum					**280000.00**
41	water supply ang sanitary works			Lumpsum					**115000.00**
42	(QC) quality control								**45580.80**

Sl. No.	Particulars	No	L	B	D/H	Qty.	Unit	Rate	Amount
									9744.11
43	Miscellanious								~~1339.35~~
								TOTAL	5000000

CERTIFICATES

1 The work will be Executed within BBMP limit only
2 The work spot is inspected by me
3 The items Provided in the Estimate are quite Essential
4 The Estimate is prepared Based on Csr 2015-16
5 There is not split up

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
BBMP Bangalore

Executive Engineer 15/12
BBMP Bangalore

15/12

ADMINISTRATIVELY SANCTIONED FOR Rs. 50.00 lacs
Rupees fifty lacs only
Under P-1771
Registered as EE( )
Subject to conditions
enclosed memo EE( )
Dt
Estimate
JC(4)/PR/15 No 19/2016-17
dated 26-12-2016 Rs 50.00 lacs

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Technical Sanction
Accorded For 50.00 lakh Rs.
Head of A/C P1771
CER NO : 145 Dt: 25/02/17

TA CE (YNK)